

Indiana Utility Regulatory Commission Communications Survey

This survey form and the accompanying cover letter may be downloaded from the IURC's website:
http://www.in.gov/iurc/telecom/survey_index.html

For questions contact:
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Part I. Operating Company Data - ALL COMPANIES MUST COMPLETE

Operating Company Name (per CTA or Sec. of State's Office): _____

Indiana d/b/a: _____

Contact Person: _____

Title: _____

E-Mail Address: _____

Tele: _____



If you did not provide at least one of the following services (as defined below for Parts II, III, and IV), please proceed directly to Part V - Data Verification Signature Page. If you provided any of the services below, please check the appropriate box and complete the appropriate Part/section indicated below:

1. ☐ **Basic Telecommunications Services as defined in IC 8-1-2.6-01 provided anytime from 2005 to 2007 - COMPLETE**

PART II. This means stand alone telephone exchange service as defined in 47 U.S.C. 153(47) that: 1) is provided to a residential customer through the customer's primary line; and 2) is A) the sole service purchased by the customer; B) not part of a package of services, a promotion, or a contract; C) not otherwise offered at a discount.

2. ☐ **Video Services as defined in IC 8-1-34 in 2007 - COMPLETE PART III.** Video Services means 1) the transmission to subscribers of video programming and other programming service; A) through facilities located at least in part in a public right-of-way; and B) without regard to the technology used to deliver the video programming or other programming service; and 2) any subscriber interaction required for the selection or use of the video programming or other programming services.

3. ☐ **Facilities-Based Broadband Connection Service in 2007 - COMPLETE PART IV.A. and PART IV.B.** This means the ability of an end user to receive information from, and/or send information to, the Internet at transfer rates exceeding 200 Kbps in at least one direction. As defined here, such a broadband connection is enabled by both a **pathway** (e.g., licensed spectrum, copper wire, optical fiber, coaxial cable, hybrid fiber-coaxial cable, electrical wire, etc.) and **equipment** that determines the throughput of that connection (e.g., radio receiver, DSLAM, DOCSIS equipment). One "end" of the pathway terminates at a subscriber's residential end user premises (for a subscriber to a facilities-based WIRED service), or at a "mobile wireless broadband device" (for a subscriber to a facilities-based MOBILE WIRELESS service.) The other "end" of the pathway terminates at the location (e.g., cell tower and associated "electronics", central office, headend, etc.) of the equipment. The pathway and equipment must actually have been deployed, and the broadband service must actually have been offered for sale to end user customers, in Indiana during 2007.

4. **ALL COMPANIES MUST COMPLETE PART V - DATA VERIFICATION SIGNATURE PAGE**

Part II. "Basic Telecommunications Services"

Please Answer the Following Questions Based on End of Year Data

1. Please List Your Recurring Monthly Rates for Basic Telecommunications Service Including Subscriber Line Charge Since 2005 for Each Zone or rate class (Zone 1/Rate Class 1 is highest density). A company may have one or multiple zone(s) or class(es).

	Zone 1/Rate Class 1	Zone 2/Rate Class 2	Zone 3/Rate Class 3	Zone 4/Rate Class 4	Zone 5/Rate Class 5
2005					
2006					
2007					

2. Please List the Percentage of Your Customers Who Subscribed to Basic Telecommunications Service only in Your Service Area Since 2005.

2005	
2006	
2007	

Definitions for use in completing Part III:

(2) "Digital Service" refers to video service that uses Advance Television System Committee (ATSC) or ATSC-compatible signaling.

1. Based on End of Year 2007 Data, for each Zip Code (Column A) in Indiana where your company is providing video service, please indicate below:
- 1) The number of subscribers to basic analog service (Column B), other analog video services (Column C) and digital service (Column D).
 - 2) Date on which your company began offering service in the Zip Code (Column E).
 - 3) The technology used to provide service and recent changes to this technology, particularly last-mile facilities (Column F).
 - 4) Lowest priced basic video service, including price (Column G), number of channels in package (Column H) and type of platform (Column I).

The reporting of this data will facilitate the Commission's meeting its reporting obligations found in IC 8-1-2.6-4 and IC 8-1-1-2 Compiler's Notes.

[illegible]

Use additional sheets if necessary.

2. Please list all channels that, during 2007, have been eliminated from your company's analog platform and moved to your company's digital platform:

Part IV. "Broadband Connection Service"

Definitions for use in completing Part IV

(1) A "Broadband Connection Service" refers to the ability of an end users to receive information from, and/or send information to, the Internet, at information transfer rates exceeding 200 Kbps in at least one direction. As defined here, such a broadband connection is enabled by both a pathway (e.g., licensed spectrum, copper wire, optical fiber, coaxial cable, hybrid fiber-coaxial transmission medium, etc.) and equipment that determines the throughput of the connection (e.g., DSLAM, DOCSIS equipment, radio receiver). One "end" of the pathway terminates at a subscriber's residential end user premises (for a subscriber to a facilities-based WIRED provider), or "mobile wireless broadband device" (for a subscriber to a facilities-based MOBILE WIRELESS provider). The other "end" of the pathway terminates at the location (e.g., central office, headend, cell tower and associated "electronics", etc.) of the equipment that determines the throughput of the connection. The pathway and equipment must actually have been deployed, and the broadband connection service must actually have been offered for sale to end user customers or subscribers, in Indiana during 2007.

(2) "Wired Broadband Connection Service Provider" includes broadband connection service providers such as ILECs, facilities-based CLECs, cable modem providers, and broadband over power line (BPL) providers, etc., that transmit broadband connection service over pathways that utilize a physical wire, cable, or optical fiber (e.g., copper wire, hybrid fiber-coaxial cable, coaxial cable, optical fiber, electrical wire, etc.). The types of providers and pathways listed in the previous sentence are provided as illustrative examples, rather than as an exhaustive identification of every possible type of wired broadband connection service provider or physical pathway. As such, this definition should be construed broadly.

(3) "Residential end user premises" include residential living units, individual living units in such institutional settings as college dormitories and nursing homes, and other end user locations to which you (including affiliates and agents) market broadband connection services that are primarily designed for residential use.

(4) "Mobile Wireless Broadband Connection Service Provider" includes broadband connection service providers that use *licensed spectrum* to provide mobile wireless broadband connection services to customers who use mobile wireless broadband devices to send or receive mobile wireless broadband connection service transmissions.

(5) "Mobile wireless broadband device" is a mobile device that can allow a subscriber to originate or terminate broadband connection service transmissions. Examples of mobile wireless broadband devices include CMRS or PCS handsets, laptop computers, smart phones, or PDAs. This list of examples is not intended to be exhaustive; furthermore, it may not reflect the specific terminology used to describe the product lines of any particular manufacturer or broadband connection service provider.

Part IV. "Broadband Connection Service", contd.

Definitions Continued for use in completing Part IV, contd:

(6) The "service area" of an ILEC or CLEC consists of those residential end user premises to which the LEC can deliver broadband services over local loop facilities (or the fixed wireless last mile equivalent) that it owns.

(7) The "service area" of a cable system consists of those residential end user premises to which the system can deliver cable service over cable plant that it owns.

(8) The "service area" of a broadband over power line provider consists of those locations in Indiana to which the system can deliver electric power service over electric power distribution facilities that it owns.

(9) The "coverage area" of a wireless mobile system consists of those locations in Indiana in which you are authorized to offer your services and in which a subscriber can receive a broadband signal that you have transmitted using installed facilities. NOTE: "Installed facilities" are not limited to physical connections to, or interfaces with, an end user premise and include facilities such as cell towers, radio transmitters, MTSOs, backhaul infrastructure or facilities, etc.

(10) "Broadband availability" means: (1) for wired providers, the percentage (%) of residential end user premises in a county to which you could provide broadband connection service¹; and (2) for wireless (mobile) provisioned broadband connection service, the percentage of land area in a county covered by your wireless broadband signal.²

¹ When calculating or estimating the percentage (%) of broadband availability, please divide the number of residential end user premises in a particular county to which you could provide broadband connection service by the number of Housing Units in that same county (as shown in the first table following Part IV.B.). **NOTE: This footnote applies only to wired providers. It does NOT apply to mobile wireless providers.**

² When reporting the percentage (%) of broadband availability, please calculate or estimate the percentage (%) of land area in a given county that is included within your coverage area. The land area in each county is shown in the second table following Part IV.B. **NOTE: This footnote applies only to mobile wireless providers. It does NOT apply to wired providers.**

Part IV.A. "Provision of Broadband Connection Services" (Reported by Information Transfer Rate and ZIP Code)

Technology-Specific Instructions:

Facilities-Based **WIRED** providers of Broadband Connection Service: Below, please list each of the 5-digit ZIP Codes in which your company provided broadband connection service to at least one residential end user premise in Indiana during 2007.

Facilities-Based **MOBILE WIRELESS** providers of Broadband Connection Service: Below, please list each of the 5-digit Indiana ZIP Codes in which your company deployed broadband connection service(s) and offered the service(s) for sale to end users during 2007.

General Instructions for ALL reporting companies:

Please supply two separate lists of the 5-digit Zip codes in which your company provided at least one broadband connection service in Indiana during 2007, disaggregating your response by Information Transfer Rate, as indicated below.

NOTE: *Italicized* items are defined in the Definitions section for this Part IV. The terms "**WIRED**" and "**WIRELESS**" are also defined there.

Part IV.A., contd.

[illegible]

Add additional sheets if necessary.

Part IV.B. Estimated Broadband Availability

General Instructions

Providers of Broadband Connection Service should report your best estimate of broadband availability in each county in which broadband connection service could be provided, either by you or an affiliate, using installed facilities and equipment.

WIRED providers of broadband connection service When calculating or estimating percentages (%) of broadband availability, please divide the number of residential end user premises (as defined in the "Definitions" section of this Part IV.) in a particular county to which you could provide broadband connection service by the number of Housing Units in that county (as shown in the first table following Part IV.B.).

MOBILE WIRELESS broadband connection service providers When calculating or estimating percentages (%) of broadband availability, please include the percentages of the land area in each county that is in your coverage area. The land area for each Indiana county is shown in the second table following Part IV.B. NOTE: "Facilities" are not limited to physical connections to, or interfaces with, an end user premise and include such items as cell towers, radio transmitters, MTSOs, backhaul infrastructure or facilities, etc.

ALL PROVIDERS: Please do not "double count" service/coverage areas if both you and an affiliate with whom you jointly provide broadband connection service complete this form.

Guidance on generating a "best estimate"

- (1) Responding companies should not assume degradation, outside of normal operating parameters, of the company's most heavily purchased type(s) of xDSL, cable modem service, broadband over power line, or broadband wireless service.
- (2) Responding companies should take into account rule-of-thumb lessons from the experience of deploying particular broadband services in similar areas - e.g., differences between actual and theoretical availability of xDSL service to end user premises in areas in which the service has already been deployed and differences between actual and theoretical availability of wireless mobile broadband connection service (such as may arise to known dead spots, weak signals, signal degradation); etc.
- (3) **Responding companies are not expected to calculate percentages based on exhaustive counts performed solely for this task.** Instead, a company may provide good faith estimates of broadband availability. In the absence of such information, responding companies should rely on studies done for other purposes, such as marketing and business plan information, demographic data, etc. A company should conduct limited special studies only in the event it cannot provide estimates of percentage break outs that it reasonably expects to be accurate within plus or minus five percentage points.

Part IV.B., contd.

(Information Transfer Rate exceeding 200 Kbps in at least one direction.)							
<u>Metropolitan</u>				<u>Non-Metropolitan</u>			
				<u>Micropolitan</u>		<u>Non Core</u>	
Allen	%	Marion	%	Adams	%	Blackford	%
Bartholomew	%	Monroe	%	Cass	%	Crawford	%
Benton	%	Morgan	%	Clinton	%	Fountain	%
Boone	%	Newton	%	Daviess	%	Fulton	%
Brown	%	Ohio	%	De Kalb	%	Jay	%
Carroll	%	Owen	%	Decatur	%	Lagrange	%
Clark	%	Porter	%	Dubois	%	Martin	%
Clay	%	Posey	%	Fayette	%	Orange	%
Dearborn	%	Putnam	%	Grant	%	Parke	%
Delaware	%	Shelby	%	Henry	%	Perry	%
Elkhart	%	St. Joseph	%	Huntington	%	Pulaski	%
Floyd	%	Sullivan	%	Jackson	%	Randolph	%
Franklin	%	Tippecanoe	%	Jefferson	%	Ripley	%
Gibson	%	Tipton	%	Jennings	%	Rush	%
Greene	%	Vanderburgh	%	Knox	%	Spencer	%
Hamilton	%	Vermillion	%	Kosciusko	%	Starke	%
Hancock	%	Vigo	%	Lawrence	%	Switzerland	%
Harrison	%	Warrick	%	Marshall	%	Union	%
Hendricks	%	Washington	%	Miami	%	Warren	%
Howard	%	Wells	%	Montgomery	%	White	%
Jasper	%	Whitley	%	Noble	%		
Johnson	%			Pike	%		
La Porte	%			Scott	%		
Lake	%			Steuben	%		
Madison	%			Wabash	%		
				Wayne	%		

Part IV.B., contd.

(Information Transfer Rate of at least 384 Kbps upstream and 1.5 Mbps downstream.)							
<u>Metropolitan</u>				<u>Non-Metropolitan</u>			
				<u>Micropolitan</u>		<u>Non Core</u>	
Allen	%	Marion	%	Adams	%	Blackford	%
Bartholomew	%	Monroe	%	Cass	%	Crawford	%
Benton	%	Morgan	%	Clinton	%	Fountain	%
Boone	%	Newton	%	Daviess	%	Fulton	%
Brown	%	Ohio	%	De Kalb	%	Jay	%
Carroll	%	Owen	%	Decatur	%	Lagrange	%
Clark	%	Porter	%	Dubois	%	Martin	%
Clay	%	Posey	%	Fayette	%	Orange	%
Dearborn	%	Putnam	%	Grant	%	Parke	%
Delaware	%	Shelby	%	Henry	%	Perry	%
Elkhart	%	St. Joseph	%	Huntington	%	Pulaski	%
Floyd	%	Sullivan	%	Jackson	%	Randolph	%
Franklin	%	Tippecanoe	%	Jefferson	%	Ripley	%
Gibson	%	Tipton	%	Jennings	%	Rush	%
Greene	%	Vanderburgh	%	Knox	%	Spencer	%
Hamilton	%	Vermillion	%	Kosciusko	%	Starke	%
Hancock	%	Vigo	%	Lawrence	%	Switzerland	%
Harrison	%	Warrick	%	Marshall	%	Union	%
Hendricks	%	Washington	%	Miami	%	Warren	%
Howard	%	Wells	%	Montgomery	%	White	%
Jasper	%	Whitley	%	Noble	%		
Johnson	%			Pike	%		
La Porte	%			Scott	%		
Lake	%			Steuben	%		
Madison	%			Wabash	%		
				Wayne	%		

Part IV.B., contd. (This table applies to Wired Providers of Broadband Connection Services ONLY.)**

Housing Units Per County (as of July 1, 2005):							
Metropolitan				Non-Metropolitan			
				Micropolitan		Non Core	
Allen	149,351	Marion	412,299	Adams	12,935	Blackford	6,402
Bartholomew	30,950	Monroe	55,601	Cass	17,241	Crawford	5,410
Benton	3,886	Morgan	28,206	Clinton	13,619	Fountain	7,916
Boone	20,582	Newton	6,015	Daviess	12,274	Fulton	9,491
Brown	7,772	Ohio	2,631	De Kalb	17,137	Jay	9,386
Carroll	9,205	Owen	10,264	Decatur	10,635	Lagrange	13,975
Clark	45,982	Porter	63,347	Dubois	16,581	Martin	4,943
Clay	11,633	Posey	11,561	Fayette	11,309	Orange	8,730
Dearborn	19,546	Putnam	14,147	Grant	31,641	Parke	7,804
Delaware	52,679	Shelby	18,475	Henry	21,385	Perry	8,458
Elkhart	75,807	St. Joseph	112,224	Huntington	15,978	Pulaski	6,228
Floyd	30,930	Sullivan	9,173	Jackson	18,117	Randolph	12,005
Franklin	9,188	Tippecanoe	65,496	Jefferson	14,099	Ripley	11,517
Gibson	14,943	Tipton	7,067	Jennings	12,556	Rush	7,671
Greene	15,833	Vanderburgh	80,423	Knox	17,659	Spencer	8,995
Hamilton	91,613	Vermillion	7,601	Kosciusko	34,957	Starke	10,654
Hancock	26,248	Vigo	46,733	Lawrence	21,279	Switzerland	4,942
Harrison	14,748	Warrick	22,971	Marshall	19,096	Union	3,333
Hendricks	51,172	Washington	11,878	Miami	15,827	Warren	3,794
Howard	39,225	Wells	11,545	Montgomery	16,440	White	12,807
Jasper	12,529	Whitley	13,642	Noble	19,365		
Johnson	52,197			Pike	5,992		
La Porte	47,555			Scott	10,617		
Lake	205,293			Steuben	18,837		
Madison	58,837			Wabash	14,425		
				Wayne	31,004		

The data in this table appear at the following Census Bureau web page:

<http://www.census.gov/popest/housing/tables/HU-EST2005-04-18.xls>

The term "Housing Unit" is defined at the following Census Bureau web page:

http://quickfacts.census.gov/qfd/meta/long_336234.htm

Part IV.B., contd. (*)This table applies to Mobile Wireless Providers of Broadband Connection Services ONLY.)**

Additional Guidance for Mobile Wireless Broadband Connection Service Providers:

The "Land Area in Square Miles" data shown below for each Indiana county should be used as the denominator in estimating the broadband availability percentages requested, by county, in Part IV.B. of the survey. This additional guidance applies ONLY to mobile wireless broadband connection service providers; it does NOT apply to other types of broadband connection service providers.

County:	Land Area in Square Miles:	County:	Land Area in Square Miles:	County:	Land Area in Square Miles:	County:	Land Area in Square Miles:
1 Adams	339.4	47 Lawrence	448.8	24 Franklin	386	70 Rush	408.3
2 Allen	657.2	48 Madison	452.1	25 Fulton	368.5	71 St. Joseph	457.3
3 Bartholomew	406.8	49 Marion	396.2	26 Gibson	488.8	72 Scott	190.4
4 Benton	406.3	50 Marshall	444.3	27 Grant	414	73 Shelby	412.6
5 Blackford	165.1	51 Martin	336.1	28 Greene	541.7	74 Spencer	398.7
6 Boone	422.9	52 Miami	375.6	29 Hamilton	397.9	75 Starke	309.3
7 Brown	312.3	53 Monroe	394.3	30 Hancock	306.1	76 Steuben	308.7
8 Carroll	372.3	54 Montgomery	504.5	31 Harrison	485.2	77 Sullivan	447.2
9 Cass	412.9	55 Morgan	406.5	32 Hendricks	408.4	78 Switzerland	221.2
10 Clark	375	56 Newton	401.8	33 Henry	392.9	79 Tippecanoe	499.8
11 Clay	357.6	57 Noble	411.1	34 Howard	293.1	80 Tipton	260.4
12 Clinton	405.1	58 Ohio	86.7	35 Huntington	382.6	81 Union	161.5
13 Crawford	305.7	59 Orange	399.5	36 Jackson	509.3	82 Vanderburgh	234.6
14 Daviess	430.7	60 Owen	385.2	37 Jasper	559.9	83 Vermillion	256.9
15 Dearborn	305.2	61 Parke	444.8	38 Jay	383.6	84 Vigo	403.3
16 Decatur	372.6	62 Perry	381.4	39 Jefferson	361.4	85 Wabash	413.2
17 De Kalb	362.9	63 Pike	336.2	40 Jennings	377.2	86 Warren	364.9
18 Delaware	393.3	64 Porter	418.1	41 Johnson	320.2	87 Warrick	384.1
19 Dubois	430.1	65 Posey	408.5	42 Knox	515.8	88 Washington	514.4
20 Elkhart	463.8	66 Pulaski	433.7	43 Kosciusko	537.5	89 Wayne	403.6
21 Fayette	215	67 Putnam	480.3	44 Lagrange	379.6	90 Wells	370
22 Floyd	148	68 Randolph	452.8	45 Lake	497	91 White	505.2
23 Fountain	395.7	69 Ripley	446.4	46 La Porte	598.2	92 Whitley	335.5

NOTE: The data shown above were taken from the following U.S. Census Bureau table (Census 2000):

United States -- County by State, and for Puerto Rico

GCT-PH1. Population, Housing Units, Area, and Density: 2000

Data Set: **Census 2000 Summary File 1 (SF 1) 100-Percent Data**

http://factfinder.census.gov/servlet/GCTTable?_bm=y&-ds_name=DEC_2000_SF1_U&-CONTEXT=gct&-mt_name=DEC_2000_SF1_U_GCTPH1_US9&-redoLog=false&-caller=geoselect&-geo_id=&-format=US-25|US-25S&-lang=en

Part V. Data Verification

Please type or print **name** of person validating the data
provided in this document

Please type or print **title** of person validating the data
provided in this document

I affirm under penalties for perjury that the foregoing representations are true to the best of my knowledge, information and belief. I affirm under penalties for perjury that I am authorized to provide information and sign on behalf of _____ [insert company name], that my official duties include knowledge of and/or supervision over the data requested in this survey, and that the foregoing representations are true to the best of my knowledge, information, and belief.

signature of person validating these responses

date signed

For U.S. Mail responses, please return completed forms by April 1, 2008 to:

Communications Division
Indiana Utility Regulatory Commission
National City Center
101 West Washington Street
Suite 1500 East
Indianapolis, Indiana 46204

For responses returned as an e-mail attachment, please return completed forms to:

bdarlington@urc.in.gov

(317) 232-5559